Index of Claims

Application No.

10/664,584

Examiner

David E. Bochna

Applicant(s)

**EVANS ET AL.** 

Art Unit

3679

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

Appeal Α 0 Objected

|             |          | _           | 1       |          |  |  | •        |  |            |          |     |           |          | _  |  |          |              | ,  |          |              |          |          |
|-------------|----------|-------------|---------|----------|--|--|----------|--|------------|----------|-----|-----------|----------|--|--|----------|--------------|--|----------|--------------|----------|----------|
| Claim       |          | Date        |         |          |  |  |          | ] [  | Claim      |          |     |           |          | _[   | Date   |          |              |  |          |              |          |          |
| Final       | Original | 12/14/04    |         |          |  |  |          |  |            |          |     | Final     | Original |  |  |          |              |  |          |              |          |          |
| -           | 1        | Ļ           |         | +        |  | _  | _        | Н  | $\vdash$   |          | ii  |           | 51       | -  | $\vdash$   |          |              | _  | -        |              | _        | П        |
|             | 2        | 1           | 1       | 1        | -  |  |          | T  |            |          | 1 1 |           | 52       | T  | $\vdash$   |          |              |  |          |              |          | П        |
|             | 3        | ٦           | 1       |          | 一  | Г  |          | Т  |            |          | 1   |           | 53       | $\top$   | Г  |          |              |  |          |              |          |          |
|             | 4        | П           |         |          | Г  | Г  |          | T  | Τ          |          | 1 1 |           | 54       | $\Box$   |  |          |              |  |          |              |          |          |
|             | 5        | П           |         |          |  | Г  |          | T  | Г          |          |     |           | 55       | П  |  |          |              |  |          |              |          |          |
|             | 6        | П           | 1       | T        |  |  |          | Г  |            |          |     |           | 56       |  |  |          |              |  |          |              |          |          |
|             | 7        | П           | 1       |          |  |  |          |  |            |          | ]   |           | 57       |  |  |          |              |  |          |              |          |          |
|             | 8        | П           |         |          |  |  |          |  |            |          | ]   |           | 58       |  |  |          |              |  |          |              |          |          |
|             | 9        | П           | Τ       |          |  |  |          |  |            |          |     |           | 59       |  |  |          |              |  |          |              |          |          |
|             | 10       | П           |         |          |  |  |          |  |            |          |     |           | 60       | Ш  | L  |          |              |  |          |              |          |          |
|             | 11       | П           |         | L        |  |  |          |  |            |          | ]   |           | 61       |  |  |          |              |  |          |              |          | Ш        |
|             | 12       | Ц           |         |          |  |  |          |  |            |          |     |           | 62       | Ц  | L  | L        | 匚            |  |          |              |          | Ш        |
|             | 13       | Ц           | 1_      |          | <u> </u>   | <u> </u>   | _        |  | _          | _        |     | _         | 63       | Ш  |  |          | <u> </u>     | <u> </u>   |          |              | Щ        | Ш        |
|             | 14       | Ц           | ┸       | ļ.,      |  | _  | _        | _  | _          | _        |     |           | 64       | Ц  | _  | <u> </u> |              |  |          |              |          | Ш        |
|             | 15       | Ц           | $\perp$ | <u> </u> | L_   |  | <u> </u> | <u> </u>   | oxdot      |          |     |           | 65       | Ц  |  | _        |              |  |          | ļ            |          | Ш        |
|             | 16       | Ц           |         | _        | L_   |  | _        | L  | L.         | _        |     |           | 66       | Ц  |  |          |              |  | _        |              |          | Ш        |
|             | 17       | Ц           | _       | _        |  | <u> </u>   |          | <u> </u>   |            |          |     |           | 67       | Ц  | _  | L        | _            | <u></u>  | <u> </u> | _            |          | Ш        |
|             | 18       | Ц           | ┸       |          |  | _  |          | 匚  | L.         | L_       |     |           | 68       | Ц  |  | ļ        |              |  |          | ldash        | _        | Ш        |
|             | 19       | Ц           | ↓       | _        | L_   | _  |          | oxdot  |            | <u> </u> |     |           | 69       | Ц  |  | _        | _            |  |          | ╙            | _        | Ш        |
|             | 20       | Ц           | ╀       | _        |  | L_   |          | ㄴ  | L          | L        |     |           | 70       | Ц  | <u> </u>   | _        | _            |  | _        | _            | _        | $\sqcup$ |
|             | 21       | Ц           | $\perp$ |          | <u> </u>   | _  |          | <u> </u>   |            | <u> </u> |     |           | 71       | Ц  | <u> </u>   |          | _            |  | <u> </u> | _            | _        | Ш        |
|             | 22       | Ц           | $\perp$ | <u> </u> | _  | <u> </u>   | _        | <u> </u>   | _          | <u> </u> |     |           | 72       | Н  | _  |          | _            | <u> </u>   |          |              |          | Ш        |
|             | 23       | Ľ           | Н.      | _        | <u> </u>   |  |          | <u> </u>   | _          | <u> </u> |     |           | 73       | Н  | _  |          |              | L  | <u> </u> | <u> </u>     |          | Н        |
|             | 24       | -           | ╙       | <b>↓</b> | <u> </u>   | _  | -        | <u> </u>   |            | <u> </u> |     |           | 74       | Н  | <u> </u>   | _        | <u> </u>     | -  | <b> </b> | -            |          | H        |
|             | 25       | L           | ₩_      | ₩        | L  | <u> </u>   |          | <u> </u>   | _          | ⊢        |     |           | 75       | Н.   | _  |          | <u> </u>     | -  | <u> </u> | _            | -        | -        |
|             | 26       | ⊢           | ₩       | $\vdash$ | _  | _  | <u> </u> | ⊢  | -          | <u> </u> | -   |           | 76       | ₽  | -  | -        |              | ⊢  | -        |              |          | Н        |
|             | 27       | ⊢           | 1       | +        | _  | _  | -        | ⊢  | <b>!</b> — | ┡        |     |           | 77       | ₽  |  | _        | <u> </u>     | ├  | -        | ├-           | _        | Н        |
|             | 28       | L           | ╀       | +        |  |  |          | ├  | ┝          | -        | ł   |           | 78       | ╁  | ⊢  | <u> </u> | _            | ⊢  | ┢        |              |          | $\vdash$ |
|             | 29       | -           | -       | ╀        | ⊢  | _  | <u> </u> |  | -          | ⊢        | ļ   |           | 79       | H  | ├-   | _        | ⊢            | -  | -        |              | $\vdash$ | Н        |
|             | 30       | -           | #—      | +        | _  |  | ┡        | -  | -          | -        | ł   |           | 80       | ╁  | ├  | H        | <del> </del> | ⊢  |          | _            | _        | Н        |
| ├           | 31       | Н           | 4       | -        | <u> </u>   | <u> </u>   | ┝        |  |            | ├—       | ł   |           | 81       | Н  | ⊢  | _        | <u> </u>     | ⊢  | H        | -            | _        | Н        |
|             | 32<br>33 | Н           | +       | -        |  | -  | H        | -  | ⊢          | $\vdash$ | ł   |           | 82<br>83 | H  |  | -        | $\vdash$     | $\vdash$   | -        | ├            | -        | Н        |
| <del></del> | 34       | Н           | +       | }—       | ⊢  | ├  | ┝        | ├  | -          | $\vdash$ | {   |           | 84       | 4  | <del> </del>                                     | -        | ┝            | $\vdash$   | H        |              | -        | Н        |
| <u> </u>    | 35       | Н           | ╁       | ╁        | -  | ├  | ├        | ┢  | -          | $\vdash$ | {   |           | 85       | V  | $\vdash$   | -        | _            | $\vdash$   | -        | ┝            | -        | H        |
|             | 36       | ₩           | ╫       | +        | $\vdash$   | $\vdash$   | -        | ⊢  | ⊢          | $\vdash$ | { , | -         | 86       |  | $\vdash$   | -        | $\vdash$     | $\vdash$   | +        | $\vdash$     | $\vdash$ | Н        |
| <b></b>     | 37       | ╫           | +       | +        | +-   | ┢═   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ |     |           | 87       | $\vdash$   | <del>                                     </del> | -        | $\vdash$     | $\vdash$   | <u> </u> | $\vdash$     | H        | Н        |
| <u> </u>    | 38       | ╫           | +       | +-       | <del>  -</del>                                   | <del>                                     </del> | $\vdash$ | $\vdash$   |            |          |     | ٠         | 88       | -  | $\vdash$   | $\vdash$ | $\vdash$     | ╁╌   |          | <del> </del> | -        | Н        |
|             | 39       | ╫           | +       | +        |  | $\vdash$   | $\vdash$ | 1  | $\vdash$   | $\vdash$ | 1   |           | .89      | $\vdash$   | $\vdash$   | -        | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ | Н        |
|             |          | $\parallel$ | +       | +-       | $\vdash$   | $\vdash$   | $\vdash$ | <del>                                     </del> |            | $\vdash$ | 1   |           | 90       | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$     | ┢╾   |          | ┢            | $\vdash$ | Н        |
| <b></b>     | 41       | #           | +       | $\vdash$ | 1  | <del>                                     </del> | $\vdash$ |  | H          | $\vdash$ | 1   | <b></b> - | 91       | $\vdash$   | 1  | 1        | $\vdash$     | ┢  | H        |              | H        | Н        |
| <b>—</b>    | 42       | 1           | +       | †        | <del>                                     </del> | H  | H        |  | 1          |          | 1   |           | 92       | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | H  | <u> </u> |              | $\vdash$ | Н        |
| <b></b>     | 43       | $\dagger$   | +       | t        | $\vdash$   | <u> </u>   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | 1   |           | 93       | T  | t  |          | $\vdash$     | <del>                                     </del> | <u> </u> |              | H        | Н        |
|             | 44       | #           | T       | T        | Г  |  |          | $\vdash$   | Г          | ┢        | 1   |           | 94       | T  | 1  |          |              |  |          |              |          | П        |
| $\vdash$    | 45       | ı           | 1       | T        | T  | Г  | Т        | Г  |            | Г        | 1   |           | 95       |  | T -  |          | Г            | Т  | Г        | Г            |          | П        |
| $\vdash$    | 46       | ۲           | T       | T        | Т  |  | Г        | T  |            | $\vdash$ |     | T T       | 96       |  | Т  |          | Г            | Т  | П        | Ι            |          | П        |
|             | 47       | T           | $\top$  | 1        | 1  |  | Г        |  |            | Г        | 1   |           | 97       | Т  | Г  | Г        | Г            | Г  |          |              |          | П        |
|             | 48       | ۲           | 1       | 1        |  |  |          |  | П          | Г        | 1   |           | 98       |  |  | Г        |              |  |          |              | $\vdash$ | П        |
|             | 49       | Г           | T       | Τ        | Π  |  |          | Π  |            | П        |     |           | 99       | П  |  | Г        |              | Γ  | П        |              | Г        | П        |
|             | 505      | ÷           | -1      | T        |  |  | Г        |  |            |          |     |           | 100      | Г  |  | i        | _            | <u> </u>   |          |              |          | П        |
|             |          | _           |         | •        |  | •  |          |  |            |          | •   |           |          |  |  | _        |              |  |          | _            |          | _        |

| ı   | Cla          | Date     |   |    |              |  |  |   |          |          |  |          |
|-----|--------------|----------|---|----|--------------|--|--|---|----------|----------|--|----------|
|     | Final        | Original |   |    |              |  |  |   |          |          |  |          |
|     |              | 51       | 1 | ٠. |              |  |  |   |          |          |  |          |
|     |              | 52       | Т | ۲  | _            |  | Г  |   |          |          |  |          |
| 1   |              | 53       | - | t  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$  |          | $\Box$   | -  |          |
| 1   |              | 54       | - | H  | <del> </del> | $\vdash$   | Н  | _   | _        | Н        |  | _        |
|     |              | 55       | Н | H  |              |  | H  | -   | -        | Н        |  | -        |
|     |              | 22       | Н | H  | -            | <u> </u>   | -  | $\vdash$  | _        | -        |  |          |
|     |              | 56       | _ | L  |              | <u> </u>   | _  |   | _        |          |  |          |
|     |              | 57       | _ | 1  | _            | <u> </u>   | _  |   |          | _        |  |          |
|     |              | 58       | L | L  |              | <u> </u>   |  |   | _        |          |  | _        |
|     |              | 59       | L | L  |              | <u> </u>   | <u> </u>   |   |          |          |  | _        |
|     |              | 60       | L | L  |              |  | _  | $ldsymbol{ld}}}}}}}$ |          |          |  | <u>_</u> |
|     |              | 61       |   | L  |              |  | L  |   |          |          |  |          |
|     |              | 62       |   | L  |              | L  | 匚  |   |          |          |  | L        |
|     |              | 63       |   | L  |              |  |  |   |          |          |  |          |
| - 1 |              | 64       |   |    |              |  |  |   |          |          |  |          |
|     |              | 65       |   | Γ  |              |  |  |   |          |          |  |          |
|     |              | 66       |   | Γ  |              |  |  |   |          |          |  |          |
|     |              | 67       |   | T  |              |  |  | П   |          |          |  |          |
|     |              | 68       |   | t  |              |  |  |   |          |          |  |          |
|     |              | 69       | П | T  |              |  |  |   |          |          |  |          |
|     |              | 70       | Г | r  |              |  | Г  |   |          | Г        |  |          |
|     |              | 71       |   | r  |              |  | Г  |   |          |          |  |          |
|     |              | 72       | П | Γ  |              |  |  |   |          |          |  |          |
|     |              | 73       | П | Г  |              |  |  |   |          |          |  |          |
|     |              | 74       | П | Г  |              |  |  |   |          |          |  |          |
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|     |              | 77       |   | Γ  |              |  |  | Г   |          |          |  |          |
|     |              | 78       | Г | Γ  |              | Г  | Г  | Г   |          |          |  |          |
|     |              | 79       | Г | T  |              |  |  |   |          |          |  |          |
|     |              | 80       | Г | T  |              |  |  |   |          |          |  |          |
|     |              | 81       | П | r  |              |  |  |   |          |          |  |          |
|     |              | 82       | П | T  | Г            |  |  |   |          |          |  |          |
|     |              | 83       | Н | r  |              | _  |  |   |          | Г        | _  |          |
|     |              | 84       | ę | Ļ  | $\vdash$     |  |  | Г   | H        |          | т  |          |
|     |              | 85       | ľ | _  | $\vdash$     |  |  |   | -        | $\vdash$ |  | H        |
| ŀ   |              | 86       | Н | _  | $\vdash$     |  | $\vdash$   | Г   | H        |          | Н  | <u> </u> |
|     |              | 87       | Н |    | $\vdash$     | <u> </u>   | <del>                                     </del> | T   | $\vdash$ | $\vdash$ | Н  | $\vdash$ |
|     |              | 88       | Н | _  | $\vdash$     | $\vdash$   | $\vdash$   | -   | $\vdash$ | _        | _  |          |
|     |              | -89      | Н | _  | $\vdash$     | _  | $\vdash$   | H   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |
|     |              | 90       | ۲ | _  | $\vdash$     | $\vdash$   | $\vdash$   | <del> </del>  |          |          | _  | $\vdash$ |
|     |              | 91       | Н | _  | ┢            | -  | ┢  | H   | H        | $\vdash$ | -  | $\vdash$ |
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|     | <del>-</del> | 96       | Н | _  | ┢            | Н  | Н  | ╁   | $\vdash$ |          | <del>                                     </del> | $\vdash$ |
|     |              | 97       | H | -  | $\vdash$     | $\vdash$   | T  |   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |
|     |              | 98       | H |    |              | Н  |  |   | $\vdash$ | Г        | $\vdash$   | <u> </u> |
|     |              | 99       | Т |    | $\vdash$     | Г  | Т  | Т   | $\vdash$ | Г        | $\vdash$   | Г        |
|     | <b>-</b>     | 100      | Γ | _  |              | <del>                                     </del> | _  | _   | Г        | Г        |  | Г        |

|  |                          | Date   |              |                           |          |              |              |          |          |          |  |  |
|--|--------------------------|--|--------------|---------------------------|----------|--------------|--------------|----------|----------|----------|--|--|
| Cla  | aim                      | -  |              |                           | L        | Jate         | _            |          |          | {        |  |  |
| Final  | Original                 |  |              |                           |          |              |              |          |          |          |  |  |
|  | 101<br>102               |  |              |                           |          |              |              |          |          |          |  |  |
|  | 102                      |  |              |                           |          |              |              |          |          |          |  |  |
|  | 103                      |  |              |                           |          |              |              |          | !        | 4        |  |  |
|  | 103<br>104<br>105        |  |              | _                         |          |              | _            |          |          | $\dashv$ |  |  |
|  | 105                      |  |              | _                         |          |              | _            | _        | _        | $\dashv$ |  |  |
|  | 106<br>107               |  |              |                           | -        |              |              | _        | _        | -        |  |  |
|  | 107                      |  | _            | _                         | -        |              | <u> </u>     |          | -        | Н        |  |  |
|  | 109                      |  | _            | -                         |          |              | _            | _        |          | $\vdash$ |  |  |
|  | 110                      |  | _            | -                         |          |              | -            | _        |          | -        |  |  |
|  | 111                      | -  |              |                           |          |              |              | _        | _        | П        |  |  |
|  | 112                      |  | Г            | М                         |          | П            |              |          |          |          |  |  |
|  | 110<br>111<br>112<br>113 |  |              |                           |          |              |              |          |          |          |  |  |
|  | 114<br>115               |  |              |                           |          |              |              |          |          |          |  |  |
|  | 115                      |  |              | 匚                         |          |              |              | L.       |          | Ш        |  |  |
|  | 116                      |  |              | ļ                         | <u> </u> | L            | ļ            |          |          | Щ        |  |  |
|  | 117                      |  |              |                           |          | <u> </u>     | <u> </u>     | _        |          | Щ        |  |  |
|  | 118<br>119<br>120<br>121 | _  |              |                           | <u> </u> | <u> </u>     | <u> </u>     |          |          | Н        |  |  |
| <u> </u>   | 119                      | <u> </u>                                     |              | <u> </u>                  | _        |              | ┝            | _        | -        | Н        |  |  |
|  | 120                      | ⊢  | _            | ┝                         | _        |              | ┝            |          | H        | Н        |  |  |
| <u> </u>   | 121                      | -  |              |                           | -        | ├            |              |          | $\vdash$ | Н        |  |  |
|  | 122<br>123<br>124        | $\vdash$                                     |              | -                         |          | ┝            | <del> </del> |          | $\vdash$ | Н        |  |  |
|  | 124                      | <del> </del>                                 | $\vdash$     | $\vdash$                  | $\vdash$ | ┢┈           |              |          |          | Н        |  |  |
|  | 125                      |  | _            |                           | _        | ┢            |              | _        |          | П        |  |  |
|  | 126                      | $\vdash$                                     | _            |                           |          |              |              |          |          | П        |  |  |
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| <u> </u>   | 130<br>131               |  |              | L                         |          | L            | L_           |          | L        | Ш        |  |  |
|  | 131                      |  |              | $ldsymbol{ldsymbol{eta}}$ | _        | <u> </u>     |              |          |          | Ш        |  |  |
|  | 132                      | <u> </u>                                     |              | L.                        |          | <u> </u>     | _            |          |          | Ш        |  |  |
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| <u> </u>   | 134                      | $\vdash$                                     |              | ├-                        | $\vdash$ |              | $\vdash$     | -        | <u> </u> | Н        |  |  |
| <del>                                     </del> | 136                      | $\vdash$                                     | -            | $\vdash$                  | $\vdash$ | -            | ┝            | -        | $\vdash$ | $\vdash$ |  |  |
|  | 136<br>137               | $\vdash$                                     | $\vdash$     | $\vdash$                  | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | H        |  |  |
| $\vdash$   | 138                      |  |              | Н                         | $\vdash$ | Ι-           | Н            |          | Н        | H        |  |  |
| l  | 138<br>139               | Г  | -            |                           |          | Γ            | T -          | Г        |          | П        |  |  |
|  | 140                      |  |              |                           |          |              |              |          |          |          |  |  |
|  | 141                      |  |              |                           |          |              |              |          |          |          |  |  |
|  | 142                      |  |              |                           |          | 匚            |              |          | Ĺ        | Щ        |  |  |
|  | 143                      | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _            | L                         | _        | ļ            | L            |          | L        | Ш        |  |  |
| <u> </u>   | 144                      | ļ  |              | ldash                     | _        | <u> </u>     | L.           | _        | <u> </u> | <u> </u> |  |  |
| ļ  | 145                      | <u> </u>                                     | _            | $\vdash$                  | <u> </u> | <del> </del> | <u> </u>     | _        | ⊢        | Щ        |  |  |
| <u> </u>   | 146                      | ļ  |              | ⊢                         | <u> </u> | <b>—</b>     | $\vdash$     | $\vdash$ | -        | $\vdash$ |  |  |
| <b> </b>   | 147                      | <u> </u>                                     | <del> </del> | <del> </del>              | $\vdash$ | -            | -            | <u> </u> | $\vdash$ | $\vdash$ |  |  |
|  | 148<br>149               |  | $\vdash$     | $\vdash$                  | -        | $\vdash$     | $\vdash$     | $\vdash$ | -        | $\vdash$ |  |  |
|  | 150                      |  | $\vdash$     | $\vdash$                  | $\vdash$ | -            |              | $\vdash$ | ╁╌       | $\vdash$ |  |  |
|  | 130                      |  | Ц_           |                           |          |              | Ь_           |          |          | ш        |  |  |